HELLO WORLD ON RUBY ON RAILS

LETS CREATE A NEW PROJECT CALLED BLOG

```
# go to your projects directory
cd ~/projects

# create a new rails project blog
rails new blog

# enter newly created blog directory,
#   this will contain the newly created files
cd blog
# enter your project commancds in this file
```
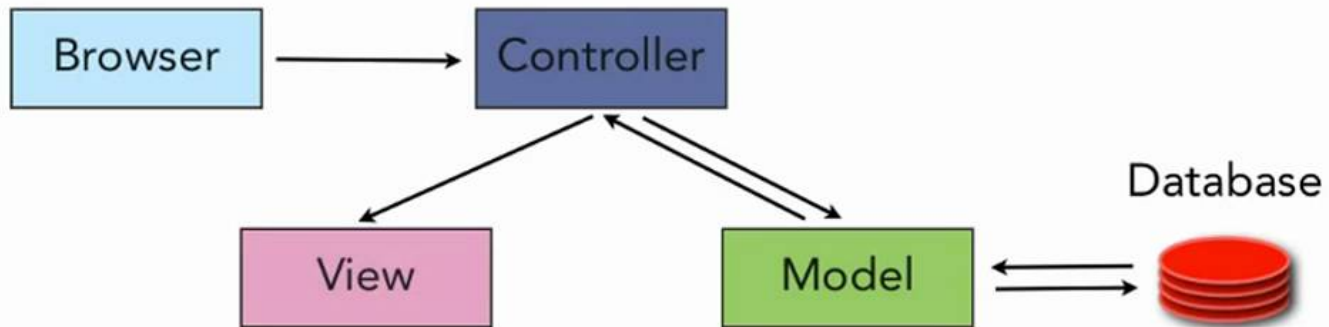
THE DIRECTORY STRUCTURE

```ruby
require File.expand_path('../boot', __FILE__)

require 'rails/all'

# Require the gems listed in Gemfile, including any gems
# you've limited to :test, :development, or :production.
Bundler.require(*Rails.groups)

module Spotless
  # Spotless Application
  class Application < Rails::Application
    config.active_record.raise_in_transactional_callbacks = true
  end
end
```

application.rb — FileBrowser

application.rb

≡ Spotless

..
▸ .git/
▾ app/
  ▸ assets/
  ▾ controllers/
    ▸ concerns/
    ≡ application_controller.rb
    ≡ spot_controller.rb
  ▸ helpers/
  ▸ mailers/
  ▸ models/
  ▸ views/
▸ bin/
▾ config/
  ▸ environments/
  ▸ initializers/
  ≡ application.rb
  ≡ boot.rb
  ≡ database.yml
  ≡ environment.rb
  ≡ routes.rb
  ≡ secrets.yml
▸ db/
▸ lib/
▸ log/
▸ public/
▸ test/
▸ tmp/
▸ vendor/
≡ .gitignore
≡ config.ru
≡ Gemfile
≡ Gemfile.lock
≡ Rakefile
≡ README.md

Line 15, Column 1   Spaces: 4   Ruby

RAILS MVC

LETS START THE SERVER

```
# cd ~/projects/blog
rails s

# press Ctrl+C to close the server
# dont press Ctrl+Z
```

- Open http://localhost:3000 in your browser

RAILS DEFAULT PAGE

HELLO WORLD IN RAILS

- Lets generate a welcome `controller` and add `Hello World` in the `view`

```
bin/rails generate controller Welcome index
```

  - Rails will create several files and a route for you.

```
create    app/controllers/welcome_controller.rb
 route    get 'welcome/index'
invoke    erb
create      app/views/welcome
create      app/views/welcome/index.html.erb
invoke    test_unit
create      test/controllers/welcome_controller_test.rb
invoke    helper
create      app/helpers/welcome_helper.rb
invoke    assets
invoke      coffee
create        app/assets/javascripts/welcome.coffee
invoke      scss
create        app/assets/stylesheets/welcome.scss
```

WRITE HELLO WORLD

- Open the app/views/welcome/index.html.erb file in your text editor(subl for sublime).

- Delete all of the existing code in the file, and replace it with the following single line of code:

```
<h1>Hello, Rails!</h1>
```

ADD THE WELCOME/INDEX IN YOUR ROUTES

```ruby
Rails.application.routes.draw do
  get 'welcome/index'

  # For details on the DSL available within this file, see http://gu
end
```

- Windows ubuntu bash user you will find your code in

```
C:\Users\USERNAME\AppData\Local\Lxss\home\USERNAME
```

START RAILS SERVER

```
# cd ~/projects/blog
rails s
```

HELLO WORLD

TRACK YOUR CODE WITH GIT

```
# cd ~/projects/blog

# initialize the git repo
git init

# add the project folder
git add .

# commit the hello world
git commit -m "My first rails hello world"
```

PUSH YOUR CODE TO GITHUB.

- Create a repository named blog in github
- Push the code in github

```
# Add remote repository
# git remote add origin https://github.com/krazedkrish/rails_hello_w
git remote add origin https://github.com/**username**/rails_hello_wo

git push -u origin master
```

ASSIGNMENTS

1. Create Account on Heroku
2. Create a New Personal App on Heroku

EXTRA

3. Join RubyNepal in Slack

   Registrations: https://rubynepal-slack.herokuapp.com/

   Login: https://rubynepal.slack.com/